

Introduced 2/1/16  
Public Hearing 2/16/16  
Council Action 3/7/16  
Executive Action 3/11/16  
Effective Date 5/11/16

## County Council of Howard County, Maryland

2016 Legislative Session

Legislative Day No. 2

Bill No. 7 -2016

Introduced by: Jennifer Terrasa and Calvin Ball

AN ACT authorizing the Howard County Police Department to enforce parking restrictions related to plug-in vehicle recharging stations; and generally related to parking control in Howard County.

Introduced and read first time February 1, 2016. Ordered posted and hearing scheduled.

By order Jessica Feldmark  
Jessica Feldmark, Administrator

Having been posted and notice of time & place of hearing & title of Bill having been published according to Charter, the Bill was read for a second time at a public hearing on February 16, 2016.

By order Jessica Feldmark  
Jessica Feldmark, Administrator

This Bill was read the third time on March 7, 2016 and Passed , Passed with amendments , Failed .

By order Jessica Feldmark  
Jessica Feldmark, Administrator

Sealed with the County Seal and presented to the County Executive for approval this 10<sup>th</sup> day of March, 2016 at 2 a.m./p.m.

By order Jessica Feldmark  
Jessica Feldmark, Administrator

Approved/Vetoed by the County Executive March 11, 2016

Allan H. Kittleman  
Allan H. Kittleman, County Executive

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; Strike-out indicates material deleted by amendment; Underlining indicates material added by amendment.

1 **Section 1. Be It Enacted by the County Council of Howard County, Maryland, that the Howard**  
2 **County Code is amended as follows:**

3 *By amending:*

4 *Title 21 - Traffic Control and Transportation*

5 *Subtitle 1. - Definitions; General Provisions*

6 *Section 21.207. - Parking restrictions.*

7

8 **Title 21 - Traffic Control and Transportation**

9 **Subtitle 1. - Definitions; General Provisions**

10

11 **Sec. 21.207. - Parking restrictions.**

12 (a) Department of Public Works. Except as provided in section 21.105 of this title, on property  
13 that is under the County's jurisdiction, the Department of Public Works may:

14 (1) Prohibit or establish a time limit on parking on any highway; and

15 (2) Designate each parking space where a plug-in vehicle may be recharged.

16 (b) Signs. The Department of Public Works shall place and maintain appropriate signs  
17 indicating a parking restriction under subsection (a) of this section.

18 (c) Plug-in vehicle recharging stations.

19 (1) In this section, plug-in vehicle means a vehicle that:

20 (i) Is made by a vehicle manufacturer;

21 (ii) Is manufactured primarily for use on a public street, road, and highway;

22 (iii) Has a rated unloaded gross vehicle weight of no more than 8,500 pounds;

23 (iv) Has a maximum speed capability of at least 55 miles per hour; and

24 (v) Is propelled to a significant extent by an electric motor that draws electricity  
25 from a battery that:

26 (A) For a four-wheeled vehicle, has a capacity of at least four kilowatt-hours;

27 (B) For a two-wheeled or three-wheeled vehicle, has a capacity of at least 2.5  
28 kilowatt-hours; and

29 (c) Can be recharged from an external source of electricity.

1 (2) Plug-in vehicle includes a qualifying vehicle that has been modified from the  
2 original manufacturer's specifications.

3 (3) Except as provide in paragraph (4) of this subsection, a person may not stop, stand,  
4 or park a vehicle in a space that is posted for the exclusive use of plug-in vehicles:

5 (i) Under subsection (b) of this section for County property; or

6 (ii) By the property owner for private property.

7 (4) A plug-in vehicle may be parked in a space that is posted for the use of plug-in  
8 vehicles.

9 (5) A sign that designates a space under this subsection must meet be at least 12 inches  
10 by 18 inches and meet any applicable State or Federal standards for parking control  
11 signs.

12 (D) (1) THE POLICE DEPARTMENT MAY ENFORCE THIS SECTION ON PUBLIC PROPERTY OR PRIVATE  
13 PROPERTY.

14 (2) THE POLICE DEPARTMENT MAY IMPOUND A VEHICLE THAT IS PARKED IN VIOLATION OF  
15 THIS SECTION.

16  
17 ***Section 2. And Be It Further Enacted*** by the County Council of Howard County, Maryland, that Section  
18 *1 of this Act shall become effective 61 days after its enactment.*

BY THE COUNCIL

This Bill, having been approved by the Executive and returned to the Council, stands enacted on March 11, 2016.

  
Jessica Feldmark, Administrator to the County Council

BY THE COUNCIL

This Bill, having been passed by the yeas and nays of two-thirds of the members of the Council notwithstanding the objections of the Executive, stands enacted on \_\_\_\_\_, 2016.

\_\_\_\_\_  
Jessica Feldmark, Administrator to the County Council

BY THE COUNCIL

This Bill, having received neither the approval nor the disapproval of the Executive within ten days of its presentation, stands enacted on \_\_\_\_\_, 2016.

\_\_\_\_\_  
Jessica Feldmark, Administrator to the County Council

BY THE COUNCIL

This Bill, not having been considered on final reading within the time required by Charter, stands failed for want of consideration on \_\_\_\_\_, 2016.

\_\_\_\_\_  
Jessica Feldmark, Administrator to the County Council

BY THE COUNCIL

This Bill, having been disapproved by the Executive and having failed on passage upon consideration by the Council stands failed on \_\_\_\_\_, 2016.

\_\_\_\_\_  
Jessica Feldmark, Administrator to the County Council

BY THE COUNCIL

This Bill, the withdrawal of which received a vote of two-thirds (2/3) of the members of the Council, is withdrawn from further consideration on \_\_\_\_\_, 2016.

\_\_\_\_\_  
Jessica Feldmark, Administrator to the County Council

**CB7-2016 Plug-In Vehicle Recharging**

joelhurewitz@juno.com

**Sent:** Monday, March 07, 2016 10:57 AM

**To:** CouncilMail

**FILE COPY**

Dear County Council,

I am not sure what purpose the 8500 pound GVW limit in (c)(1)(iii) serves. The limit in the existing language of CB7-2016 would seem to prohibit the charging of electric trucks on private property which are in excess of 8500 pounds such as these from Boulder Electric Vehicle

<http://boulderev.com/docs/500%20Master%20Brochure.pdf>

I hope that you will consider an amendment to allow for charging of electric trucks on private property.

Sincerely,

Joel Hurewitz

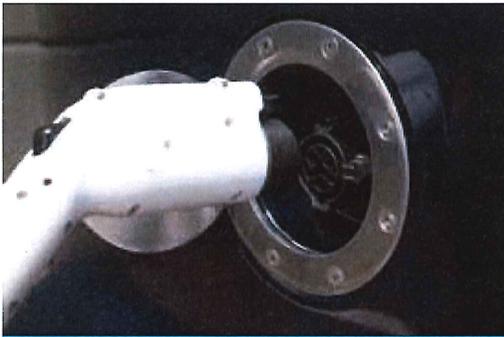
# BOULDER electric VEHICLE



THE MOST **ADVANCED** ALL-ELECTRIC TRUCKS ARE AVAILABLE **TODAY** WORLDWIDE.

The Boulder Electric Vehicle family of all-electric trucks are the most advanced EV's to ever hit the market. Capable of freeway speeds and an impressive 100 mile range on a single charge, our trucks are purpose built with the fleet customer in mind. Available platforms include a delivery van, box truck, service body and stake side work truck. Whatever your end solution may be, Boulder EV is sure to have a model that will suit your needs.

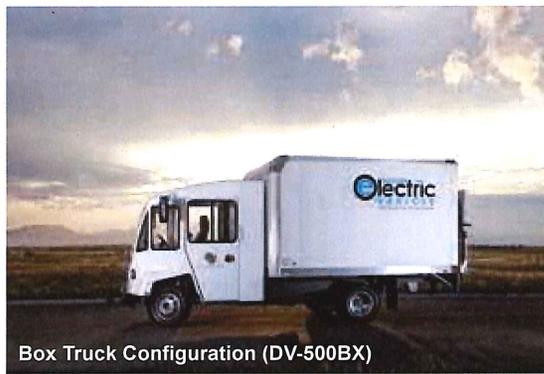
- ZERO EMISSIONS**
- 75 MPH TOP SPEED**
- VEHICLE-TO-GRID (V2G) CAPABLE**
- LESS EXPENSIVE TO MAINTAIN**



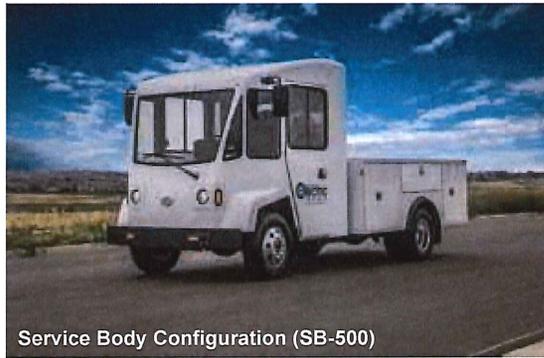
# THE 500 SERIES

AVAILABLE CONFIGURATIONS:

- BOX
- STAKE SIDE
- FLAT BED
- UTILITY/MAINTENANCE
- REFRIGERATED BOX



Box Truck Configuration (DV-500BX)



Service Body Configuration (SB-500)



Delivery Van Configuration (DV-500)

## TECHNICAL SPECIFICATIONS

### Electric Drivetrain

Brushless DC Permanent-Magnet Motor  
 Continuous Power: 100 kW  
 Peak Rated Power: 140 kW / 188 hp  
 Maximum Torque: 900 Nm / 664 lb-ft

### Batteries

Lithium-Ion (Iron Phosphate)  
 Energy: 72 kW/hr

### Cab / Interior

Lightweight & Durable Fiberglass Construction  
 Temperature Control: Heat/AC/Heated Seats/  
 Cab Fan/Heated Mirrors  
 Main Driver Display: 10.4" LCD Touchscreen  
 Rear View Camera w/ 7" LCD Monitor  
 AM/FM/CD Stereo  
 Remote Keyless Entry (Option)  
 Dual Passenger Seat (Option)

### Braking

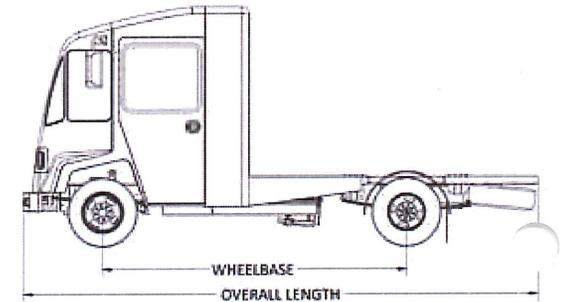
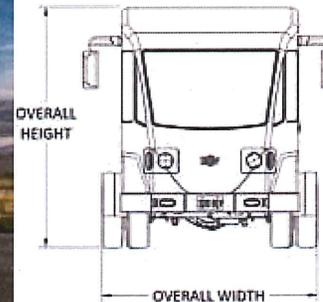
Regenerative braking puts energy back into the battery pack when the vehicle is coasting or braking  
 Parking Brake & ABS

\*Many different upfit options are available. Contact sales team for more info.

### Vehicle-to-Grid (V2G)

Boulder EV has manufactured the 1st electric truck in the world to successfully demonstrate bi-directional DC quick charging. The US Army Corp of Engineers and the SPIDERS project signed off on verifying full charge and discharge of the vehicle at 60 kilowatts of power. Our V2G package can be integrated into any of our models.

### SATISFIED CUSTOMERS



Headquarters:  
 1460 Overlook Drive  
 Lafayette, CO 80026

Manufacturing Support:  
 9655 Irontdale Avenue  
 Los Angeles, CA 91311

909.996.9462 | sales@boulderev.com

	Top Speed (mph)	Range (miles)	GVW (lbs)	Curb Vehicle Weight (lbs)	Payload (lbs)	Overall Length (in)	Overall Height (in)	Overall Width (in)	Wheelbase (in)	Turning Radius (ft)
DV-500	75	100	10,500	7,400	3,100	251	108	80	138	48
SB-500	75	80	11,500	8,400	3,100	248	108	95	138	48
DV-500BX	75	80	10,500	7,400	3,100	255	129	96	138	48
FB-500/FB-500s	75	80	11,500	8,400	3,100	243	108	96	138	48
PS-500	75	100	10,500	7,400	3,100	251	108	80	138	48



MADE IN THE USA

WWW.BOULDEREV.COM



**SUPPORT FOR CB7-2016**

Mark Czajka [mark@mdvolt.org]

**Sent:** Wednesday, February 10, 2016 1:50 PM

**To:** CouncilMail

**Cc:** Terrasa, Jen; Ball, Calvin B

**Attachments:** mdvolt\_CB7-2016.pdf (151 KB)

**FILE COPY**

Attached is a letter of support for Council Bill 7-2016.

Thank you for addressing the issue of enforcement of "EV only" charging spaces.

Mark Czajka

Director

MD Volt Inc.

[www.mdvolt.org](http://www.mdvolt.org)



**Subject: SUPPORT FOR CB7-2016**

February 10, 2016

Howard County Council  
George Howard Building  
3430 Court House Drive  
Ellicott City, MD 21043

Dear Members of the Council:

I represent MD Volt Inc., a Maryland based non-profit representing more than 260 EV owners and enthusiasts in the Mid-Atlantic region. MD Volt hosts meetups and events all over the area for the purposes of education and awareness of Electric Vehicles (EVs) and EV charging stations. Eighteen of our members recently met at Sidamo Coffee in Maple Lawn on December 5, 2015.

We support CB7-2016 as we did CB36-2014. We host events in Howard County and our members support businesses close to your area charging stations. Enforcement of these spaces as "EV only" is imperative to make these spots available. When a charging station is blocked, EV owners, especially those from out of the area, cannot get to their destinations. It's the equivalent of pulling up to a gas station and having all the gas pumps blocked for an undefined amount of time. Even if the EV owner could wait for the gas only vehicle to move, they would have to wait even longer to charge their EV.

I have personally experienced spaces being blocked in several counties across Maryland. We've also seen pictures on social media of EV spaces being blocked by gas only vehicles in Howard County. Approval of CB7-2016 will not only be a positive for owners of plugin electric vehicles, but it will help all County residents become more aware of what these spaces are used for and why access is important.

We appreciate this initiative which will continue to make Howard County one of Maryland's most EV friendly places to visit and a destination for our members.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Czajka".

Mark Czajka, *Director*, MD Volt Inc.

[www.mdvolt.org](http://www.mdvolt.org)

[mark@mdvolt.org](mailto:mark@mdvolt.org)